

WMAP Cosmological Parameters

Model: lcdm+nrel

Data: wmap9+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.426^{+0.079}_{-0.080}$	H_0	73.8 ± 2.3 km/s/Mpc
N_{eff}	4.23 ± 0.59	$\ell(\ell+1)C_{220}/(2\pi)$	5738 ± 33 μK^2
$d_A(z_{\text{eq}})$	13237^{+434}_{-433} Mpc	$d_A(z_*)$	13083^{+428}_{-427} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.49 ± 0.13		$0.000000000616 \pm 0.000000000012$
η	$(6.16 \pm 0.12) \times 10^{-10}$	k_{eq}	0.01075 ± 0.00038
ℓ_{eq}	140.5 ± 1.7	ℓ_*	303.71 ± 0.84
n_b	$(2.531 \pm 0.048) \times 10^{-7}$ cm^{-3}	n_s	0.983 ± 0.011
Ω_b	$0.0415^{+0.0026}_{-0.0027}$	$\Omega_b h^2$	0.02253 ± 0.00043
Ω_c	0.250 ± 0.011	$\Omega_c h^2$	0.136 ± 0.011
Ω_Λ	0.708 ± 0.010	Ω_m	0.292 ± 0.010
$\Omega_m h^2$	0.159 ± 0.011	$r_s(z_d)$	141.4 ± 4.8 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3386 ± 0.0046	$r_s(z_d)/D_v(z=0.2)$	$0.1851^{+0.0023}_{-0.0024}$
$r_s(z_d)/D_v(z=0.35)$	$0.1114^{+0.0012}_{-0.0013}$	$r_s(z_d)/D_v(z=0.44)$	$0.09154^{+0.00095}_{-0.00096}$
$r_s(z_d)/D_v(z=0.54)$	$0.07738^{+0.00074}_{-0.00075}$	$r_s(z_d)/D_v(z=0.57)$	$0.07413^{+0.00069}_{-0.00070}$
$r_s(z_d)/D_v(z=0.6)$	0.07122 ± 0.00065	$r_s(z_d)/D_v(z=0.73)$	0.06144 ± 0.00051
$r_s(z_*)$	135.3 ± 4.6	R	$1.7359^{+0.0063}_{-0.0062}$
σ_8	0.876 ± 0.029	A_{SZ}	$0.94^{+0.69}_{-0.94}$
t_0	12.89 ± 0.41 Gyr	τ	0.086 ± 0.013
θ_*	$0.010344^{+0.000028}_{-0.000029}$	θ_*	$0.5927^{+0.0016}_{-0.0017}$ $^\circ$
τ_{rec}	263.5 ± 9.1	t_{reion}	400^{+62}_{-63} Myr
t_*	348543^{+12280}_{-12293} yr	z_d	1022.1 ± 1.1
z_{eq}	3276 ± 60	z_{reion}	11.0 ± 1.2
z_*	1093.0 ± 1.1		